



COATINGS AND  
ADHESIVES  
MATERIALS

BAKELITE® VINYL RESIN SOLUTION VYHH  
FOR COATINGS

PRODUCT STANDARDS

DESCRIPTION

BAKELITE VYHH is a medium molecular weight vinyl chloride-vinyl acetate copolymer resin. It dissolves readily in ketones, esters, chlorinated hydrocarbons, and combinations of these with aromatic hydrocarbons.

APPLICATIONS

BAKELITE VYHH is recommended for general coatings use.

FOOD ADDITIVE STATUS

BAKELITE VYHH is chemically identified in Food Additive Regulations §121.2514 for Resinous and Polymeric Coatings, and §121.2526 for components of Paper and Paperboard.

Properties of

BAKELITE Vinyl Resin Solution VYHH

Properties	Test Methods	Required Values
Appearance	Visual	White powder
Specific Gravity at 20/20°C.	D 792	1.36 ± 0.005
Size, through a No. 20 USBS sieve, per cent by weight	WC-7-F	98, minimum
Apparent Density, lb. per ft. <sup>3</sup>	WC-2-B	30, approximate
Heating Loss, 45 minutes at 105°C., per cent by weight	WC-160-H	3.0, maximum
Poly(vinyl chloride), per cent by weight	WC-294-B or D	85.0 - 86.5
Lead, ppm.	WC-20-D or K	5, maximum

June, 1970  
F-42808

(continued)

BAKELITE and UNION CARBIDE are registered trade marks of Union Carbide Corporation, U.S.A.

This information is not to be taken as a warranty or representation for which we assume legal responsibility nor as permission or recommendation to practice any patented invention without a license. It is offered solely for your consideration, investigation and verification.

UNION CARBIDE CORPORATION · 270 PARK AVENUE, NEW YORK, N.Y. 10017

UCC  
063831

Solution Properties	Test Methods	Required Values
22 Per Cent Solution of Resin in 1:1 MIBK:Toluene  Viscosity at 25°C., cps. Color, per cent transmission Turbidity	WC-31-W WC-5-K-2 WC-5-K-2	200 - 400 85, minimum 85, minimum
10 Per Cent Solution of Resin in 1:1 MIBK:Toluene  Insoluble Matter, per cent by volume	WC-322-C	0.03, maximum

#### TESTING METHODS

Designated tests are made in accordance with current issues of ASTM or UNION CARBIDE (WC) Testing Methods. The former can be obtained from the American Society for Testing and Materials, Philadelphia, Pa., while the latter are available from Union Carbide Corporation upon request.